

EXTENDED DEVICE WHICH CAN BE INSTALLED INTO COMPUTER SYSTEM.METHOD OF CONTROLLING EXTENDED DEVICE AND METHOD OF CONTROLLING COMPUTER SYSTEM WITH EXTENDED DEVICE

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Abstract of JP7295672

PURPOSE: To allow an extension device capable of being mounted on a host to make an accurate response at a high speed to a series of operations with respect to power management of the host. **CONSTITUTION:** When power supply to the extension device is interrupted by the computer system transited to the power save mode such as a suspend mode, work data stored in a RAM being a 1st storage means and contents of a register in an interface circuit being a component of part of an interface means are lost. The extension device is provided with a flush memory as a nonvolatile 2nd storage means and the status of the extension device (including work data in the RAM and contents of the register in the interface circuit) is saved in the flush memory before the computer system enters the suspend mode. Furthermore, according to the control method of the extension device by this invention, the storage content of the flush memory is restored to each section before the computer system resumes.

